CLAIMS

1. A method for enhancing imaging in low light conditions, comprising:
acquiring image data relating to a plurality of consecutive images;
determining a local motion factor relating to the consecutive images by specifically processing the consecutive images in a predetermined manner in order to obtain an image mask that represents information about local motion;
processing the consecutive images, incorporating the image mask, to obtain final usable image information.

2. The method of Claim 1, wherein the step of processing the consecutive images in a predetermined manner in order to obtain information about the local motion factor comprising using spatial and temporal filters.

3. The method of claim 2, wherein the spatial and the temporal filters are employed on the mask.

4. The method of claim 1, wherein the plurality of consecutive images are acquired in different conditions.

5. The method of claim 4, wherein the plurality of consecutive images are acquired using different exposure times.

6. The method of claim 4, wherein the plurality of consecutive images are acquired using different aperture.

7. The method of claim 4, wherein the plurality of consecutive images are acquired using different focusing distance.

8. The method of claim 1, carried out in an image domain.

9. The method of claim 1, carried out in a compressed image domain.

10. The method of claim 9, wherein the compressed image domain is JPEG or MPEG.

11. The method of claim 1, wherein before the step of determining a local motion factor the image data undergoes color desaturation.

12. A device for enhancing imaging in low light conditions relating to a plurality of consecutive images acquired in low light conditions, comprising:
a module for determining a local motion factor relating to the consecutive images by specifically processing the consecutive images in a predetermined manner in order to obtain an image mask that represents information about local motion;
a module for processing the consecutive images, incorporating the image mask, to obtain final usable image information.

13. The device of Claim 12, wherein the module for determining local motion factor comprises spatial and temporal filters.

14. The device of claim 12, wherein the module for determining local motion factor includes color desaturation.

15. A method for enhancing imaging in low light conditions substantially as described in the present specification, accompanying drawings and appeding claims.

16. A device for enhancing imaging in low light conditions substantially as described in the present specification, accompanying drawings and appeding claims.